

# WEST Search History





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L2: Entry 4 of 8

File: DWPI

Feb 26, 2004

DERWENT-ACC-NO: 2004-244117  
DERWENT-WEEK: 200423  
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TITLE: Congestion control system judges whether server offering melody signaling service is in congestion state based on number of portable terminals connected to server, on receiving server access requirement from user

## PATENT-ASSIGNEE:

ASSIGNEE

CODE

DAINI DENDEN KK

DAINN

PRIORITY-DATA: 2002JP-0218670 (July 26, 2002)

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## PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

☐ [JP 2004064346 A](#)

February 26, 2004

009

H04Q007/38

## APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

JP2004064346A

July 26, 2002

2002JP-0218670

INT-CL (IPC): [G06 F 15/00](#); [H04 M 3/00](#); [H04 M 3/36](#); [H04 Q 7/38](#)

ABSTRACTED-PUB-NO: JP2004064346A

## BASIC-ABSTRACT:

NOVELTY - A congestion control apparatus (10) judges whether the server (20) offering melody signaling service, is in congestion state based on number of portable terminals connected to server, on receiving server access requirement from user's portable terminal (1). A notification of server congestion state is sent to user terminal, based on the judgment result.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) congestion control method;
- (2) congestion control program; and
- (3) portable terminal.

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USE - For controlling user access to server through Internet, for downloading desired melody of ringer tone using portable terminal (claimed) such as mobile telephone.

ADVANTAGE - Prevents connection of user terminal to server for preset time, based on server congestion state, thereby preventing network congestion by performing

reconnection to server within preset time.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of the congestion control system. (Drawing includes non-English language text).

portable terminal 1

congestion control apparatus 10

server 20

CHOSEN-DRAWING: Dwg.1/3

TITLE-TERMS: CONGESTED CONTROL SYSTEM JUDGEMENT SERVE OFFER MELODY SERVICE  
CONGESTED STATE BASED NUMBER PORTABLE TERMINAL CONNECT SERVE RECEIVE SERVE ACCESS  
REQUIRE USER

DERWENT-CLASS: T01 W01

EPI-CODES: T01-N01D; T01-N02B2B; T01-S03; W01-B05A1A; W01-B05A1C; W01-C02A1A; W01-C02B9; W01-C05B3;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2004-193766

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**JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard

1 **Mitigating server-side congestion in the Internet through pseudoser**  
*Kong, K.; Ghosal, D.;*  
Networking, IEEE/ACM Transactions on , Volume: 7 , Issue: 4 , Aug. 1999  
Pages:530 - 544

[\[Abstract\]](#)   [\[PDF Full-Text \(232 KB\)\]](#)   **IEEE JNL**

2 **A distributed model for multi-area power systems on-line dynamic security analysis**  
*Nithiyananthan, K.;*  
TENCON '02. Proceedings. 2002 IEEE Region 10 Conference on Computers, Communications, Control and Power Engineering , Volume: 3 , 28-31 Oct. 200  
Pages:1765 - 1767 vol.3

[\[Abstract\]](#)   [\[PDF Full-Text \(302 KB\)\]](#)   **IEEE CNF**

3 **Evaluating IPv4 to IPv6 transition mechanisms**  
*Raicu, I.; Zeadally, S.;*  
Telecommunications, 2003. ICT 2003. 10th International Conference on , Volu  
2 , 23 Feb.-1 March 2003  
Pages:1091 - 1098 vol.2

[\[Abstract\]](#)   [\[PDF Full-Text \(544 KB\)\]](#)   **IEEE CNF**

4 **A performance study of robust load sharing strategies for distribute heterogeneous Web server systems**  
*Colajanni, M.; Yu, P.S.;*  
Knowledge and Data Engineering, IEEE Transactions on , Volume: 14 , Issue:  
2 , March-April 2002  
Pages:398 - 414

[\[Abstract\]](#)   [\[PDF Full-Text \(476 KB\)\]](#)   **IEEE JNL**

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**5 Isochronous services in home multimedia networks***Gubbi, R.;*

Communications, Computers and Signal Processing, 1999 IEEE Pacific Rim Conference on , 22-24 Aug. 1999

Pages:534 - 539

[\[Abstract\]](#)[\[PDF Full-Text \(516 KB\)\]](#)**IEEE CNF**

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